

SECTION 19

FURNITURE & FURNISHINGS

1	<u>ITEM</u>	<u>PAGE</u>
2	19.1 REFERENCES	3
3	19.2 INTRODUCTION	3
4	19.3 GENERAL.....	3
5	19.4 FURNITURE REQUIREMENTS	4
6	19.5 SPECIAL CONDITIONS.....	5
7	19.5.1 APPROVAL	5
8	19.5.2 RESPONSIBILITY OF CONTRACTOR.....	6
9	19.5.3 DIMENSIONS	6
10	19.5.4 MEASUREMENTS.....	6
11	19.5.5 CLEAN-UP	6
12	19.6 FURNITURE CONSTRUCTION AND SCHEDULE.....	7
13	19.7 PASSENGER SEATING	8
14	19.7.1 PASSENGER TRANSIT SEATS	10
15	19.7.2 BENCH SETTEES	10
16	19.7.3 LOUNGE BOOTHS/TABLES.....	11
17	19.7.4 CAFETERIA SETTEES.....	11
18	19.7.5 EXTERIOR SEATS	11
19	19.7.6 LOUNGE BOOTH TABLE/SEAT UNITS	11
20	19.7.7 PASSENGER TABLES	12
21	19.8 PUBLIC SPACES.....	12
22	19.8.1 SERVING FURNITURE.....	12
23	19.8.2 BABY CHANGING TABLE.....	12
24	19.8.3 COUNTERS AND VANITIES	12
25	19.8.4 AMENITY BARS	13
26	19.8.5 TOILET STALL PARTITIONS	13
27	19.8.6 RESTROOM PRIVACY STUB WALLS.....	13
28	19.8.7 WORKS OF ART DISPLAY CASES.....	14
29	19.8.8 WASTE RECEPTACLES	14
30	19.8.9 COAT RACKS AND/OR HOOKS	14
31	19.9 CREW STATEROOMS	14

1	19.9.1	BERTHS	14
2	19.9.2	STATEROOM DESKS	15
3	19.9.3	STATEROOM FILE CABINETS	15
4	19.9.4	SIDE CHAIRS	15
5	19.9.5	EXECUTIVE CHAIRS	16
6	19.9.6	WASTE RECEPTACLES	16
7	19.9.7	COAT RACKS AND/OR HOOKS	16
8	19.10	OTHER CREW SPACES	16
9	19.10.1	SIDE CHAIRS	16
10	19.10.2	EXECUTIVE CHAIRS	17
11	19.10.3	LOUNGE BOOTH/TABLE	17
12	19.10.4	PILOTHOUSE CHART TABLES	17
13	19.10.5	FILE CABINETS	18
14	19.10.6	MISCELLANEOUS DESKS	18
15	19.10.7	COUNTERS AND VANITIES	19
16	19.10.8	BOOKCASES	20
17	19.10.9	CABINETS	20
18	19.10.10	MESS TABLES, LOWER VEHICLE DECK AND ABOVE	21
19	19.10.11	BENCHES	21
20	19.10.12	WASTE RECEPTACLES	21
21	19.10.13	COAT RACKS AND/OR HOOKS	22
22	19.10.14	SHIP'S OFFICE COUCH	22
23	19.10.15	MEDICAL COUCH	22
24	19.11	LOCKERS	23
25	19.11.1	MEDICAL LOCKER	23
26	19.11.2	CREW STATEROOMS	23
27	19.11.3	OFFICER STATEROOMS	23
28	19.11.4	SMALL GALLEY TRASH LOCKER	23
29	19.11.5	PURSER'S OFFICE	23
30	19.11.6	SHIP'S OFFICE	23
31	19.11.7	PASSENGER DECK CREW DAYROOM	24
32	19.11.8	DECK CREW SHELTER	24
33	19.11.9	ENGINEER'S LOCKER ROOM	24
34	19.12	EMERGENCY SQUAD LOCKERS	24
35	19.13	WINDOW COVERINGS	24
36	19.14	ADVERTISING MODULES, BROCHURE RACKS, NEWSPAPER VENDING	
37		MACHINE STOWAGE, BULLETIN BOARDS	25
38	19.15	CLOCKS	26

1	19.16	BAROMETERS	26
2	19.17	SPARE PARTS AND INSTRUCTION MANUALS.....	27
3	19.18	TESTS, TRIALS AND INSPECTIONS	27
4	19.19	PHASE II TECHNICAL PROPOSAL REQUIREMENTS.....	27
5	19.20	PHASE III DETAIL DESIGN AND CONSTRUCTION REQUIREMENTS	28

6 19.1 REFERENCES

7 (19A) VOLUME V, OWNER - FURNISHED EQUIPMENT

8 19.2 INTRODUCTION

9 This Section contains the Contractor Design and Provide general requirements for furniture,
10 window treatments, cabinetry, artwork and accessories throughout the Vessel.

11 *For WSF Fleet-wide Standardization purposes, End No. 1 of the Vessel shall always be*
12 *considered the bow, and this designation shall delineate port and starboard, fore and aft*
13 *wherever they are addressed in the Technical Specification.*

14 19.3 GENERAL

15 **NOTE:** Each of the four (4) new Vessels shall have Passenger Lounge interior decors as set
16 forth in the approved *SCHEDULE OF COLOR SCHEMES*, “Color Boards”
17 Subsection in Section 25 of the Technical Specification. To identify these
18 differences, the Contractor shall refer to the WSF approved Contractor Color
19 Boards for color direction.

20 The Contractor shall design and provide all furniture and furnishings as specified herein. Where
21 required, furniture shall be custom designed. The materials supplied and all installations shall
22 satisfy the requirements of the applicable Authoritative Agencies. Documented proof of the
23 required certifications shall be made available *prior* to the start of installation.

24 Furniture and furnishings shall be designed and selected for comfort, heavy duty use, long life,
25 easy maintenance, and neat appearance.

26 All doors and drawers shall have positive means to prevent opening in heavy seas with snubbers
27 to prevent rattles. Drawers shall have minimum of 250 pound rated hardware rollers.

All items shall be complete, including hardware, finish molding, strips, hasps, reinforcement of attaching area for securing hardware, sub-bases, etc. Furniture shall readily pass through the Vessel's hatches and doors to reach the compartment to which it is assigned. All sub-bases, seating supports, sofa legs, etc., shall be made with an allowance for scribing or adjusting to suit deck sheer or camber, where necessary.

Fixed furniture shall be secured to deck or bulkheads as necessary. Securing devices shall be of rugged design capable of developing full strength in all directions of pull without bending fittings or other failure. Unless otherwise specified, furniture shall be installed parallel to baseline. Securing devices and flush deck sockets shall be provided for all portable furniture as referenced herein.

Unless otherwise noted, furniture backs exposed to view shall be faced with lining material matching that of the surrounding decor. Upholstery, material and paint colors shall be as shown on Contractor prepared Color Boards as set forth in Section 25 of the Technical Specification, and approved by the WSF Representative. The Contractor shall provide all Color Boards.

Color and materials of upholstery shall reflect WSF standard color schemes to the greatest extent practicable.

Furniture and furnishings shall be installed in a manner that minimizes cracks and crevices, and other similar dirt traps. Care shall be exercised to eliminate sharp edges and burrs.

19.4 FURNITURE REQUIREMENTS

Furniture shall be of metal construction and shall be heavy enough to provide the degree of strength required to withstand the rigors of marine use. All steel shall be bonderized or treated with approved rust preventive finish. Joints, welds and other assemblies shall be smooth and free from buckling or deformations. Exposed metal edges shall be hemmed. Assemblies shall be free of sharp edges, slivers or burrs which could inflict injury or damage equipment. Adhesive and mastics used in fabrication of furniture shall be USCG approved and of appropriate quality for marine service.

All items shall be complete including hardware, moldings, hasps (where required), reinforcement of attaching areas for securing hardware, and sub-bases. Hardware for connecting knockdown sections shall be stainless steel or brass with connections drilled at the factory to assure perfect fit when assembled. All door and drawer hardware shall have positive means to prevent opening in a seaway. All items shall be made with an allowance for scribing or adjusting to suit deck camber and sheer. Case goods such as lockers, cabinets, and desks shall be vermin-proof and provided with sound dampening material on inner or concealed surfaces as necessary to prevent drumming and tinniness. Drawers shall have drawer heads of vermin-sealed, boxed construction

and shall be adequately braced to prevent rocking or twisting. Drawer guides shall be full extension, 250-pound rated ball bearing type, with positive stops and shall operate freely and without undue noise.

All items shall be finished in accordance with guidelines described on the Contractor's Phase III Detail Design drawings. All metals shall be of marine/industrial quality, free of rust and imperfections, and coated to prevent corrosion.

All items shall be installed and secured to bulkheads or decks with fittings designed to withstand the dynamic loading imposed by Vessel motion. Items shall be installed parallel to the molded baseline unless otherwise required.

All furniture and furnishings shall fit properly in the installed locations. Pads, flashings and hardware shall be provided where necessary to achieve proper fit.

All furniture, fittings and cabinets installed adjacent to bulkheads and linings shall have joints adjacent to bulkheads or linings covered completely with neat metal angle edge trim to cover the joints and prevent paper and other objects from falling between the joints.

19.5 SPECIAL CONDITIONS

19.5.1 Approval

During the **PHASE II TECHNICAL PROPOSAL REQUIREMENTS** effort for this Contract the bidding Contractor shall present, for approval, a Furniture Catalog Details Booklet presenting and defining all furniture and furnishings required by the Technical Specification. The booklet shall both verbally and pictorially illuminate the salient physical characteristics of all items under the Contract. The same booklet shall include vendor cut-sheets for all items from manufacturer catalogs and publications; colors, textures, and vinyl and/or fabric samples; and present life cycle costing, maintenance, and cleaning requirements, for comparison.

During the **PHASE III DETAIL DESIGN AND CONSTRUCTION REQUIREMENTS** effort for this Contract, the successful Contractor shall Design and Provide the first article of all purchased furniture and prototype of custom furniture to the WSF Representative for approval at least six (6) months prior to the procurement of the remainder of the furniture schedule, unless otherwise stated. In the case of custom case goods with different designs, a representative prototype shall be provided. The Contractor shall include in his bid, the cost of developing these prototypes. WSF Approved "first article" furniture may be considered as part of Vessel procurement. A full mockup of a typical module shall be provided by the Contractor for WSF review and approval to check clearances and ergonomic features of the

1 installation. Such module shall be provided by the Contractor at least three (3) months prior
2 to the installation.

3 **19.5.2 Responsibility of Contractor**

4 Each space shall be completely outfitted by the Contractor. Any and all spaces, whether or
5 not specifically mentioned in these Technical Specifications, shall be suitably furnished and
6 fitted complete to the standard of Vessels in similar service, or as specified herein for a
7 similar space.

8 **19.5.3 Dimensions**

9 The Contractor shall be responsible for **all** final measurements on any item or areas where
10 dimensions are critical. The Contractor shall be responsible for the proper fitting of all
11 furniture and furnishings, particularly those that, because of the proximity of decks,
12 bulkheads, structure or other equipment are dimensionally restricted. This includes the
13 proper clearances for door swings.

14 **19.5.4 Measurements**

15 The Contractor is responsible for verifying **all** construction field measurements necessary for
16 proper installation of furniture and all equipment.

17 Bidders shall check the Technical Specification for needed equipment and quantities.

18 The Technical Specification and the approved Contractor's Phase II Design sets forth the
19 requirements for finish, size and quality in the order of precedence set forth in the
20 *COORDINATION OF CONTRACT DOCUMENTS* Article of **VOLUME III - CONTRACT**
21 *PROVISIONS*.

22 **19.5.5 Clean-up**

23 After installation has been completed, and before delivery, all furniture and furnishings shall
24 be thoroughly cleaned of dirt, residual adhesives, scuff marks and other surface
25 contamination. All surfaces shall be polished, waxed or sealed as recommended by the
26 manufacturer. To prevent wear or damage, all surfaces shall be kept covered until delivery.
27 At delivery all surfaces shall be thoroughly clean. All protective coatings and coverings are
28 to be removed by the Contractor. Any damages shall be repaired by Contractor at its sole
29 expense.

19.6 FURNITURE CONSTRUCTION AND SCHEDULE

All furniture shall be of marine quality and in full compliance with the regulations of 46 CFR §72.05-55 and 46 CFR §164. Furniture shall be IMO/USCG compliant.

All casework items shall be fabricated from aluminum with powder coat finish. Casework shall be fabricated with enclosed tops, sides, backs and fronts except in way of drawers and doors, with panels of 0.050 inch aluminum secured to the equipment's frame, and shall be fitted with a 0.050 inch removable aluminum bottom.

Shelving shall be fabricated from 0.050 inch aluminum with integral sea rails, capable of sustaining a uniformly distributed load of not less than 100 pounds per square foot with concentrated edge loads of not less than 200 pounds.

Each drawer shall be provided with nylon rollers of a size suitable for the loading for which the drawer is designed and installed in a manner that will provide smooth, catch-free drawer operation. Each drawer shall be provided with positive stops and magnetic latches. The drawer frames and tracks shall be constructed of 14 USSG stainless steel; tracks shall be formed top and bottom to fit the nylon drawer rollers.

Casework shall be provided with double doors fabricated with 0.050 inch aluminum outer panels and inner panels, with hemmed edges. Doors shall be filled with sound deadening material approved by the USCG and shall be hung from hospital style stainless steel hinges. Doors shall be of uniform width wherever possible, nominally 18 inches, and each shall be provided with magnetic latches top and bottom. Sound deadening material and/or stiffening shall be used as necessary to prevent "drumming" and "oil-canning" of aluminum panels. Cabinets, to include the finished solid top where applicable shall be approximately thirty-six (36) inches high when measured from the finished deck unless otherwise noted.

Casework sub-bases shall be fabricated from Type 304L stainless steel. All fasteners connecting stainless steel sub-bases to aluminum casework shall be stainless steel. Stainless steel sub-bases shall be dielectrically separated from the aluminum casework using dielectric sleeves and dielectric washers.

Metals, appurtenances and finishes shall be heavy enough to provide the degree of strength and stability required to withstand the rigors of marine use and range of climate conditions. All items shall be strengthened with necessary reinforcing panels, channels, angles, gusset plates, etc., where construction materials shall equal or exceed the requirements of all Authoritative Agencies. In general, where sheet steel is used, it shall be first quality cold rolled stretcher leveled standard of flatness and free from rust and other imperfections. All steel shall be treated with rust preventative.

- 1 Furniture joints and other assemblies shall be smooth and there shall be no buckling or
 2 deforming. Exposed edges of metal shall be hemmed. No sharp edges shall be permitted and
 3 bends made in piping or tubing shall be smooth and free from rippling and flattened surfaces.
- 4 Formed section exposed to view shall show no signs of tool or die marks.
- 5 The Contractor shall be responsible for adhesives, mastics, etc., required for application of vinyl,
 6 polyester or any materials used in furnishings. Adhesives shall be specifically approved by the
 7 USCG for the location and use intended.

8 **19.7 PASSENGER SEATING**

TABLE 19-1			
MINIMUM PASSENGER DECK SEATING			
Interior Seating	End No. 1	End No. 2	Seating Number
Interior Seating	✓		487
Exterior Seating	✓		2
Interior Seating		✓	463
Exterior Seating		✓	2
Cafeteria Seating		✓	70
		Total Seats	1,024

TABLE 19-2			
MINIMUM SUN DECK SEATING			
Interior Seating	End No. 1	End No. 2	Seating Number
Exterior Seating	✓		190
Exterior Seating		✓	186
		Total Seats Aboard	376

TABLE 19-3			
MINIMUM PASSENGER DECK AND SUN DECK SEATING			
Interior Seating	End No. 1	End No. 2	Seating Number
Interior Seating	✓		487
Exterior Seating	✓		192
Interior Seating (includes Cafeteria)		✓	533
Exterior Seating		✓	188
		Total Seats Aboard	1,400

The above **TABLES 19-1, 19-2, and 19-3** and the below Subsections provides guidance for the seating by numbers, level, area, type, and quality which shall be provided under this Contract for each Vessel. The minimum required number of seats shall be 1,400, with no more than 380 exterior seats.

19.7.1 Passenger Transit Seats

The seat frame and armrests shall be of aluminum alloy construction with a powder coat finish. Seats shall be fixed, not hinged. Seats and backs shall be vinyl upholstered and replaceable. Transit seats shall be by TURNBULL S-2700 Series, or equal, similar to the TURNBULL seating modules located and installed aboard WSF Jumbo Mark II Ferries.

Seats shall be arranged as agreed with the WSF Representative during the Phase II Technical Proposal. Seats shall be ream mounted in two, three or four ganged modules, some with small integral tables. Transit furniture shall be TURNBULL S2700-002-010/004-010 modified Long Foot, or equal. Transit furniture shall be portable.

All transit seat modules, with and without integral tables, shall be manufactured by the same company. The Contractor shall ensure commonality with WSF Fleet Vessels.

A full mockup of a typical module is to be provided by the Contractor for WSF review and approval to check clearances and ergonomic features of the installation at least three (3) months prior to installation.

19.7.2 Bench Settees

Settees shall be provided and arranged along the house side and Machinery Casing bulkheads in the Passenger Deck Lounges in accordance with the WSF Representative final approved arrangement. Frames, bases, and mounting beams shall be of aluminum construction with powder coat finish, TURNBULL S-400 Series: Clamshell Seating, or equal. Seats and backs shall be vinyl upholstered and replaceable. Seat bases shall include toe kick.

The space under the seating shall be utilized for life jacket stowage, see Section 16 of the Technical Specification.

As part of on-going WSF Homeland Security measures to provide security and monitoring against tampering with the life preserver stowage below all interior Passenger booth seating, capturing devices shall be provided at the Passenger isle end of each Passenger clamshell bench seating unit for each lift up seat section. Provide a minimum length, $\frac{1}{16}$ " diameter, 1×19 strand stainless steel cable with loop end attached to the bottom of each lift up seat section (near the center) which slips over a single powder coated or satin stainless steel stud, in the mating seat side frame, adjacent structure, with a $\frac{3}{16}$ " maximum diameter hole to accept an OFE WSF Fleet-wide Standardized "RED" STOFFEL SEALS, design # C21158, Part #0322 Equilok tamper-resistant pull-tight seal. The stud shall be located approximately four (4) inches below the bottom of the seat back frame at the midpoint of the booth. The design and installation shall take into consideration the aesthetics of the interior design, and

be approved by the WSF Representative and included as part of the “first article” furniture presentation.

19.7.3 Lounge Booths/Tables

Provide a minimum of forty-four (44) lounge booths with tables. All other lounge booths shall be provided with a window sill mounted drink table (without cup holders) matching the booth tables in materials, color, and design similar to those shown on WSF Drawing No. 8304X-582-025-01 (*latest revision*). Bases and frames shall be of aluminum construction. Seats and backs shall be vinyl upholstered and replaceable. Units shall be designed and built to interface with dividing partitions and integral tables. Units shall be TURNBULL B-400 Series: Clamshell Seating, or equal.

The space under the seats shall be utilized for life jacket stowage, see Section 16 of the Technical Specification.

A complete prototype display consisting of two (2) settees, a table, and section of partition shall be provided by the Contractor for approval by the WSF Representative, at least three (3) months prior to installation.

19.7.4 Cafeteria Settees

Cafeteria settees shall be TURNBULL 200 Series, or equal, for two (2) or four (4) persons. Base and frame shall be constructed of aluminum with vinyl upholstered seat and back. Minimum seating capacity shall be fifty-five (55) persons. A complete prototype display consisting of two (2) settees, a table, and section of partition shall be provided by the Contractor for approval by the WSF Representative, at least three (3) months prior to installation.

19.7.5 Exterior Seats

Provide exterior bench seating of aluminum construction with a powder coat finish, TURNBULL W-2100-OB Series with WSF accent slats, or equal. Exterior bench seating shall not be located on exterior bulkheads of Crew Staterooms.

19.7.6 Lounge Booth Table/Seat units

Develop and provide cantilevered dual post tables, TURNBULL 2500 Series, Models 055 (6 person), 070 (4 person) and 072 (2 person), or equal. Frames shall be of aluminum construction and sturdy enough so as to not deflect excessively under normally anticipated

load with spinning bell mouth. Tables shall be of aluminum construction with plastic laminate top and trim.

Units shall have vinyl upholstered seats. They shall be mounted on steel pipe or square tube pedestals.

19.7.7 Passenger Tables

Fixed cantilever tables shall be provided between bench seats of TURNBULL 200 Series, or equal.

Tables shall be of aluminum construction (30 inch × 48 inch × 3½ inch) with plastic laminate top and trim. Construction, installation, material and paint colors shall be in accordance with Technical Specification.

19.8 PUBLIC SPACES

19.8.1 Serving Furniture

Counters, cashier stands and a condiment racks in the food service area shall be provided in the serving and express bar areas. They shall be custom fabricated generally as described in the *SPECIAL CONDITIONS* and *FURNITURE CONSTRUCTION AND SCHEDULE* Subsections in this Section of the Technical Specification.

19.8.2 Baby Changing Table

See Section 20 of the Technical Specification.

19.8.3 Counters and Vanities

Lavatory vanities shall be provided in Passenger Deck Men's and Women's Restrooms. Non-wheelchair accessible Passenger Deck Men's and Women's Restroom counters shall be approximately 24 inches deep × 36 inches high with length determined for each space to suit the number of lavatories. All counters shall have four (4) inch backsplashes and 2½ inch front self edges. A 2½ inch side self edge is required where the counter does not finish in a bulkhead, and all exposed corners shall be radiused at least three (3) inches. All counters shall have an apron below the self edge, not extending below twenty-nine (29) inches above the finished floor. The counter and apron tops, and fronts, backs, and sides where exposed shall be DuPONT Corian 300 Series Ready-To-Install One-Piece Vanity Top and Bowls, or equal. Vanity fronts and sides, where exposed, shall be of joiner CAPE MARINE BOARD,

or equal, construction with wood trim. Refer to the WSF approved Contractor provided Color Boards for color direction.

19.8.4 Amenity Bars

Provide amenity bars in the Passenger Deck Men's and Women's Restrooms with DuPONT Corian counter tops, or equal.

19.8.5 Toilet Stall Partitions

See Section 20 of the Technical Specification.

The toilet stall partition installation shall include one (1) MERIT METAL PRODUCTS CORP. No. 14529 Satin Chromium Finish No. 26D, or equal, coat and hat hook on the inside of each door.

Provide one (1) folding shelf unit in each stall as set forth in **TABLE 20-1** of Section 20 of the Technical Specification.

19.8.6 Restroom Privacy Stub Walls

Provide privacy stub walls at the cabin side of the entrance doors to the Men's and Women's Restrooms, port and starboard on the Passenger Deck. The privacy stub walls shall be located to prevent all viewing into the restroom spaces from the Passenger Lounge areas. Stub walls shall be a minimum of 4½ thick and fabricated to match design and be of the same finish as the adjoining interior décor, and shall extend from the deck level up to the height of the top of the restroom entrance doorframe. The stub walls shall be supported continuously from the deck to the overhead structure at the ends and at corners to provide a substantial rigid, and stable privacy wall.

Provide privacy stub wall partitions inside the Men's and Women's Restrooms on the Passenger Deck. The privacy stub walls shall be located The privacy stub walls shall be located to prevent all viewing into the restroom spaces from the Passenger Lounge areas. These stub walls shall be fabricated to match the interior décor of the restrooms and shall extend from the deck level up to the height of the top of the restroom entrance doorframe. Supports shall meet the same requirements as the entrance door privacy stub walls above.

All accesses to the Men's and Women's Restrooms on the Passenger Deck shall be designed to preclude any sight line where a person would be able to look through the access opening and see any toilet stall or urinal area. The Contractor shall demonstrate to the WSF

Representative that there is not any objectionable sight line into the restrooms as part of the drawing preparation.

19.8.7 Works of Art Display Cases

See the *WORKS OF ART* Subsection in Section 25 of the Technical Specification.

19.8.8 Waste Receptacles

WSF will furnish as Owner - Furnished Equipment (OFE) waste receptacles for Passenger spaces. The Contractor shall provide loading and installation on the Vessel when the OFE waste receptacles are delivered to the Shipyard by WSF.

19.8.9 Coat Racks and/or Hooks

Provide one (1) MERIT METAL PRODUCTS CORP. No. 14529 Satin Chromium Finish No. 26D, or equal, coat and hat hook on each window mullion throughout the Passenger Lounge.

Provide eight (8) MERIT METAL PRODUCTS CORP. No. 14529 Satin Chromium Finish No. 26D, or equal, coat and hat hooks, per stanchion, on the Passenger Deck.

Provide eight (8) MERIT METAL PRODUCTS CORP. No. 14529 Satin Chromium Finish No. 26D, or equal, coat-and-hat hooks, per stanchion, throughout the Sun Deck seating areas at both Ends of the Vessel.

19.9 CREW STATEROOMS

19.9.1 Berths

Berths shall be provided for Officers and Crew. The Master, Staff Chief Engineer, Chief Mate, Chief Engineer, and Assistant Engineer Staterooms shall have single berths with 36 inch × 78 inch mattresses. The Crew's Staterooms shall have double berths with 36 inch × 78 inch mattresses. The berths shall be TURNBULL B-100 Series, or equal. The berths shall be installed adjacent to joiner bulkheads and flashed with metal trim pieces to a neat appearance. Berths shall be of aluminum construction with powder coat finish. Berths shall be fitted with a shelf and four (4) drawers. The bunks shall be fitted with DYMATROL, or equal, seating support and foam mattresses. The mattress materials shall meet USCG requirements.

19.9.2 Stateroom Desks

Provide one (1) 48 inch × 24 inch work desks (right or left pedestal as appropriate) with hutch, of a commercial grade, HON 38000 Series, or equal, in each Officer and Crew Stateroom, except as noted below.

Provide one (1) 36 inch × 72 inch double pedestal work desk with lockable drawers and center drawer of a commercial grade, HON 38000 Series Metal, or equal, in the Master's Stateroom on the Navigation Bridge Deck.

Provide one (1) 36 inch × 72 inch double pedestal work desk with lockable drawers and center drawer of a commercial grade, HON 10500 Series Extended Corner Workstation, or equal, in the Staff Chief Engineer's Stateroom on the Sun Deck.

19.9.3 Stateroom File Cabinets

Provide one (1) legal size file cabinet of a commercial grade, HON 400 Series, or equal, 4-drawer, lockable, with baked enamel finish in the Master's and Chief Mate's Staterooms. Drawers shall have thumb latches and roller bearing tracks.

Provide two (2) legal size file cabinets of a commercial grade, HON 400 Series, or equal, 4-drawer, lockable, with baked enamel finish in the Staff Chief Engineer's Stateroom. Drawers shall have thumb latches and roller bearing tracks.

Provide one (1) legal size file cabinet of a commercial grade, HON 400 Series, or equal, 4-drawer, lockable, with baked enamel finish in each Pilothouse. Drawers shall have thumb latches and roller bearing tracks.

19.9.4 Side Chairs

Provide one (1) side chair manufactured by KRUEGER Matrix, or equal, with fixed seat and back cushions in the Crew Stateroom.

Provide one (1) side chair manufactured by KRUEGER Matrix, or equal, with fixed seat and back cushions in the Master's Stateroom.

Provide one (1) side chair manufactured by KRUEGER Matrix, or equal, with fixed seat and back cushions in the Staff Chief Engineer's Stateroom.

19.9.5 Executive Chairs

Provide one (1) executive chair each, manufactured by KRUEGER P2M, or equal, in the Chief Mate's, Chief Engineer's, and Assistant Engineer's Staterooms.

Provide four (4) executive chairs manufactured by KRUEGER P2M, or equal, two (2) each in the Master's Stateroom and the Staff Chief Engineer's Stateroom.

19.9.6 Waste Receptacles

Provide one (1) 18 inch high steel waste receptacle in each Stateroom.

19.9.7 Coat Racks and/or Hooks

Provide two (2) each MERIT METAL PRODUCTS CORP. No. 14529 Satin Chromium Finish No. 26D, or equal, coat and hat hooks in each Stateroom as directed by the WSF Representative.

Provide complete prototype display of all Stateroom furniture to the WSF Representative for approval by the WSF Representative, at least three (3) months prior to installation.

19.10 OTHER CREW SPACES**19.10.1 Side Chairs**

Provide eight (8) side chairs manufactured by KRUEGER Matrix, or equal, with fixed seat and back cushions in the Sun Deck Dayroom.

Provide one (1) side chair manufactured by KRUEGER Matrix, or equal, with fixed seat and back cushions in the Purser's Office.

Provide eight (8) side chairs manufactured by KRUEGER Matrix, or equal, with fixed seat and back cushions in the Passenger Deck Dayroom.

Provide four (4) side chairs manufactured by KRUEGER Matrix, or equal, with fixed seat and back cushions in the Deck Crew Shelter.

Provide two (2) side chairs manufactured by KRUEGER Matrix, or equal, with fixed seat and back cushions in the Engineer's Dayroom.

Provide two (2) side chairs manufactured by KRUEGER Matrix, or equal, with fixed seat and back cushions in the Engineer's Locker Room.

Provide one (1) side chair manufactured by KRUEGER Matrix, or equal, with fixed seat and back cushions in the Chief Engineer's Office.

19.10.2 Executive Chairs

Provide one (1) executive chair manufactured by KRUEGER P2M, or equal, in the Purser's Office.

Provide one (1) executive chair manufactured by KRUEGER P2M, or equal, in the each Pilothouse at the desk.

Provide two (2) executive chairs manufactured by KRUEGER P2M, or equal, in the Navigational Bridge Deck Security Office.

Provide two (2) executive chairs manufactured by KRUEGER P2M, or equal, in the Ship's Office.

Provide two (4) executive chairs manufactured by KRUEGER P2M, or equal, in the EOS.

Provide one (1) executive chair manufactured by KRUEGER P2M, or equal, in the Chief Engineer's Office.

19.10.3 Lounge Booth/Table

Provide one (1) lounge booth with table (minimum six (6) person) unit in the Engineer's Dayroom. Bases and frames shall be of aluminum construction with a DuPONT Corian, or equal top. Seats and backs shall be vinyl upholstered and replaceable. Units shall be 6'-6" long TURNBULL B-450 Series, or equal, as set forth in the *PASSENGER SEATING* Subsection in this Section of the Technical Specification.

19.10.4 Pilothouse Chart Tables

Provide one (1) chart table in each Pilothouse approximately 84 inches long × 37 inches wide × 38 inches high, of steel construction, with a BORCO, or equal, top, two (2) chart drawers with rear hood, front hinged flaps, and two (2) storage cabinets with locks. All drawers shall have thumb latches and roller bearing tracks. Design of the chart table shall be approved by the WSF Representative prior to procurement.

19.10.5 File Cabinets

Provide one (1) legal size file cabinet of a commercial grade, HON 400 Series, or equal, 4-drawer, lockable, with baked enamel finish in the Purser's Office. Drawers shall have thumb latches and roller bearing tracks.

Provide four (4) legal size, 42 inch wide lateral file cabinets of a commercial grade, HON 400, or equal, 4-drawer, lockable, with baked enamel finish in the Chief Engineer's Office. Drawers shall have thumb latches and roller bearing tracks.

Provide two (2) legal size file cabinets of a commercial grade, HON 400 Series, or equal, 4-drawer, lockable, with baked enamel finish in the Ship's Office. Drawers shall have thumb latches and roller bearing tracks.

Provide two (2) file cabinets of a commercial grade, HON, or equal, 2-drawer with a baked enamel finish. Drawers shall have thumb latches and roller bearing tracks. One (1) shall be provided in each Pilothouse.

19.10.6 Miscellaneous Desks

Provide two (1) 36 inch × 72 inch double pedestal work desk with lockable drawers and center drawer of a commercial grade, HON 38000 Series Metal, or equal, in EOS.

Provide one (1) 36 inch × 72 inch double pedestal work desk with lockable drawers and center drawer of a commercial grade, HON 38000 Series Metal, or equal, in the Ship's Office.

Provide one (1) 36 inch × 72 inch double pedestal work desk with lockable drawers of a commercial grade, HON Metro Classic Series Metal, or equal, in the Purser's Office.

Provide one (2) 36 inch × 72 inch double pedestal work desk with lockable drawers and center drawer of a commercial grade, HON 38000 Series Metal, or equal, in the Security Office on the Navigation Bridge Deck.

Provide one (1) double pedestal work station with lockable drawers and center drawer of a commercial grade, similar to a HON Stationmaster® Modular Series, or equal, in the Security Office on the Navigation Bridge Deck. The intent is to provide a desk computer/work station, and a separate security screen station for the security watch stander to monitor the multiple screens from a centralized location. The security station may be fabricated in place using a WSF approved design.

Provide one (1) 36 inch × 72 inch double pedestal work desk with lockable drawers and center drawer of a commercial grade, HON 10500 Series Extended Corner Workstation, or equal, in each Pilothouse. The intent is to provide a computer/work station for the Master and/or watch stander to monitor a computer screen and perform clerical duties from a centralized location. The station may be fabricated in place using a WSF approved design.

Provide two (1) 36 inch × 72 inch double pedestal work desk with lockable drawers and center drawer of a commercial grade, HON 38000 Series Metal, or equal, in the Chief Engineer's Office.

19.10.7 Counters and Vanities

All counters and vanities shall be fabricated generally as described in the *FURNITURE CONSTRUCTION AND SCHEDULE* Subsection in this Section of the Technical Specification.

Counters shall be provided in the dayrooms and Deck Crew Shelter. A built-in desk, with drawers on both sides of chair area and an adjustable keyboard tray shall be provided in each Pilothouse. All counters shall have a 4-inch backsplash and a 2½ inch front and side self edge. Vanities shall have base cabinets that are 20 inches wide × 22 inches deep × 33½ inches high. Each vanity shall have a recessed 4-inch toe kick space. The base cabinet shall have two (2) doors that hinge at side and 3-inch wire handles towards center. The interior of the cabinet shall have one adjustable shelf. The counter and built-in desk top and fronts, backs, and sides where exposed shall be DuPONT Corian, or equal. Vanity fronts and sides, where exposed, shall be of joiner CAPE MARINE BOARD, or equal, construction with wood trim. Refer to the WSF approved Contractor Color Boards for color direction.

Lavatory vanities shall be provided in the Ship's Office Restroom, all Crew and Officer Staterooms, Engineer's Restroom, and public and Crew restrooms. In the case of the Officer and Crew Staterooms the counters shall be approximately 24 inches wide × 24 inches deep × 36 inches high. In the case of the Officer and Crew Restrooms the counters shall be approximately 24 inches deep × 36 inches high, and the width of the space. All counters shall have a 4-inch backsplash and a 2½ inch front and side self edge. Vanities shall have base cabinets that are 20 inches wide × 22 inches deep × 33½ inches high. Each vanity shall have a recessed 4-inch toe kick space. The base cabinet shall have two (2) doors that hinge at side and 3-inch wire handles towards center. The interior of the cabinet shall have one (1) adjustable shelf. The counter top and fronts, backs, and sides where exposed shall be DuPONT Corian 300 Series Ready-To-Install One-Piece Vanity Top and Bowls, or equal. Vanity fronts and sides, where exposed, shall be joiner CAPE MARINE BOARD, or equal, construction with wood trim. Refer to the WSF approved Contractor Color Boards for color direction.

1 The Small Galley Area shall have counters and cabinets of stainless steel as detailed in
2 Section 17 of the Technical Specification.

3 **19.10.8 Bookcases**

4 Provide seven (7) open front, steel, 34½ inch wide, 5-shelf bookcase of a commercial grade,
5 HON S72, or equal, with baked enamel finish in the Chief Engineer's Office.

6 Provide one (1) open front, steel, 34½ inch wide, 5-shelf bookcase of a commercial grade,
7 HON S72, or equal, with baked enamel finish in the Ship's Office.

8 Provide three (3) open front, steel, 34½ inch wide, 2-shelf bookcase of a commercial grade,
9 HON S72, or equal, with baked enamel finish in each Pilothouse.

10 **19.10.9 Cabinets**

11 Cabinetry shall be provided as defined below. The exact configuration of the cabinetry shall
12 suit the Contractor's design and be approved by the WSF Representative, provided that the
13 same ergonomic relationships, space (volume and square footage), and relationships are
14 maintained.

15 A. The Sun Deck Dayroom area shall be provided with cabinets over the kitchenette bar.

16 B. The Passenger Deck Crew Dayroom area shall be provided with cabinets over the
17 kitchenette bar.

18 C. The Deck Crew Shelter area shall be provided with a cabinets over or near the sink.

19 D. The Engineer's Dayroom shall be provided with cabinets over the kitchenette bar.

20 Overhead cabinets shall be fabricated generally as described in the *FURNITURE*
21 *CONSTRUCTION AND SCHEDULE* and *Counters and Vanities* Subsections in this Section of
22 the Technical Specification.

23 Provide exterior venting cooking surface hoods, with light in the Passenger Deck Dayroom
24 and Engineer's Dayroom. Care shall be taken when fitting in the range exterior venting type
25 exhaust hoods to present a clean, finished appearance.

19.10.10 Mess Tables, Lower Vehicle Deck And Above

Provide TURNBULL 2500 Series, or equal, aluminum constructed, double-pedestal, powder coated with plastic laminated tops and wood trimmed mess tables in the Dayrooms above the Vehicle Deck and in the Deck Crew Shelter. Materials and colors shall be approved by WSF Representative.

19.10.11 Benches

Provide a built-in bench inside each Engineer's, Crew, and Officer shower area. Benches shall be constructed of 5/4 inch × 5.5 inch TREX Accents™, or equal, composite decking material, slatted construction with powder coated aluminum alloy supports as required and Type 316 stainless steel fasteners. Composite on benches shall be "SADDLE" color. See the *SHOWER STALLS* Subsection in Section 20 of the Technical Specification.

19.10.12 Waste Receptacles

Provide three (3) 18 inch high steel waste receptacle in the EOS.

Provide two (2) 18 inch high steel waste receptacle in the Engineer's Restroom.

Provide one (1) 18 inch high steel waste receptacle in the Deck Crew Shelter.

Provide two (2) 18 inch high steel waste receptacle in each Pilothouse.

Provide one (1) 18 inch high steel waste receptacle in the Ship's Office.

Provide one (1) UNITED RECEPTACLE UNIMST35SSPL, MediStep Can, plastic liner, 3½ gallon, stainless steel waste receptacle in the Ship's Office.

Provide one (1) 18 inch high steel waste receptacle in each Office, Dayroom, Deck Crew Shelter, Engineer's Locker Room and other spaces as directed by the WSF Representative.

Provide one (1) BOBRICK B-2280 or equal, stainless steel, 21 gallon, Open Top waste receptacle in the Engineer's Dayroom.

Provide one (1) BOBRICK B-2280 or equal, stainless steel, 21 gallon, Open Top waste receptacle in the Passenger Deck and Sun Deck Crew Dayroom.

For additional waste receptacle requirements see Section 20 of the Technical Specification.

19.10.13 Coat Racks and/or Hooks

Provide two (2) MERIT METAL PRODUCTS CORP. No. 14529 Satin Chromium Finish No. 26D, or equal, coat and hat hooks in each Officer and Crew Shower and Restroom as directed by the WSF Representative.

Provide eight (8) MERIT METAL PRODUCTS CORP. No. 14529 Satin Chromium Finish No. 26D, or equal, coat and hat hooks in each Crew Dayroom, Engineer's Locker Room, and the Deck Crew Shelter as directed by the WSF Representative.

Provide four (4) each MERIT METAL PRODUCTS CORP. No. 14529 Satin Chromium Finish No. 26D, or equal, coat and hat hooks in each Pilothouse as directed by the WSF Representative.

Provide four (4) MERIT METAL PRODUCTS CORP. No. 14529 Satin Chromium Finish No. 26D, or equal, coat and hat hooks in the Purser's Office as directed by the WSF Representative.

Provide four (4) MERIT METAL PRODUCTS CORP. No. 14529 Satin Chromium Finish No. 26D, or equal, coat and hat hooks in the EOS as directed by the WSF Representative.

Provide eight (8) MERIT METAL PRODUCTS CORP. No. 14529 Satin Chromium Finish No. 26D, or equal, coat and hat hooks in the EOS and Chief Engineer's Office as directed by the WSF Representative.

See Section 21 of the Technical Specification for additional Hardware requirements.

19.10.14 Ship's Office Couch

Provide one (1) Sofa Bed, TURNBULL B-1000 Series, or equal, in the Ship's Office. The berth shall be installed adjacent to a bulkhead.

19.10.15 Medical Couch

Provide one (1) Pullman Berth, TURNBULL B-1000 Series, or equal, at normal berth height, in the Purser's Office. The berth shall be installed adjacent to a properly reinforced joiner bulkhead to prevent breakdown of the attachment surfaces over the life of the Vessel.

19.11 LOCKERS

All lockers shall be single and double tier units as noted. Unless specified differently in the Technical Specification, all lockers shall be of aluminum construction and manufactured by TURNBULL L-100 Series, or equal. They shall be fitted with a shelf, coat rod and louvered doors. Lockers shall have a lever operated catch with provisions for a WSF-furnished padlock. Lockers shall be provided with rubber lock rests. For design purposes, single tier lockers shall be 15 inch W. × 24 inch D. × 72 inches H.. Double tier units shall fall within those perimeter dimensions.

19.11.1 Medical Locker

Provide one (1) Medical Locker in the Pursers Office. The Medical Locker shall consist of a BLICKMAN HEALTH INDUSTRIES Model DK-47HS base cabinet and an E-47LS wall cabinet, or equal.

19.11.2 Crew Staterooms

Provide four (4) single-tier locker units in each Stateroom.

19.11.3 Officer Staterooms

Provide four (4) single-tier locker units in each Stateroom.

19.11.4 Small Galley Trash Locker

Provide a built in trash locker within the Small Galley in general agreement with **FIGURE 17-1** in the *SMALL GALLEY* Subsection in Section 17 of the Technical Specification.

19.11.5 Purser's Office

Provide two (2) double-tier locker units in the office.

19.11.6 Ship's Office

Provide two (2) double-tier locker units in the office.

19.11.7 Passenger Deck Crew Dayroom

Provide eight (8) double-tier locker units in the Dayroom.

19.11.8 Deck Crew Shelter

Provide four (4) double-tier locker units in the shelter.

19.11.9 Engineer's Locker Room

Provide fifteen (15) single-tier locker units in the Locker Room.

19.12 EMERGENCY SQUAD LOCKERS

One (1) Emergency Squad Locker shall be provided near the Purser's Office on the Passenger Deck. It shall be of joiner bulkhead material. Provide equipment, shelving, and brackets as set forth in Sections 13 and 18 of the Technical Specification.

One (1) Emergency Squad Locker shall be provided on the Lower Vehicle Deck. It shall be of structural steel bulkhead material. Provide equipment, shelving, and brackets as set forth in Sections 13 and 18 of the Technical Specification.

19.13 WINDOW COVERINGS

Provide "room darkening" window coverings, together with all necessary curtain rods, pulls, and hardware in all Officer and Crew Staterooms. Curtains shall be made from 100-percent (100%) cotton fabric, texture and color to be determined by the WSF Representative.

Window treatments shall be constructed to the highest standards available, taking into consideration the rigor of marine use, a life cycle of fifteen (15) years, and low maintenance requirements. Window treatments will consist of draw draperies, Roman shades and cubicle curtains. Window treatments shall be provided with all necessary curtain rods, pulls, and hardware.

Curtains shall be able to pass NFPA 701 flammability test. The fabric must be machine washable up to 140F degrees. Fabric shall pass seam slippage testing.

The color and pattern of the draperies shall be as indicated on the WSF approved Color Boards. The curtain lining shall be "blackout" fire retarding lining.

Generally, curtains shall have top hems two (2) inches deep and bottom hems five (5) inches deep, full double turn of material top and bottom, side hems one (1) inch wide and hems turned under before sewing. Stitch length and seam allowance shall be determined from fabric content and constructions to meet fabric manufacturer requirements. Curtains shall be 200-percent (200%) fullness and spacing of pleats to be determined proportionate to width of window and the fabric. All curtains shall be secured at the back and to the bulkhead.

Curtains shall extend at least six (6) inches beyond the window trim at the sides and sill and at least three (3) inches over top trim. Curtains shall have a two-way draw.

The drapery hardware system shall be a wall mounted, baton draw for pinch pleats. The system shall include track, end caps, brackets, right & left hand masters, carriers, hooks and baton. Drapery tracks and hardware shall be non-corrosive, heavy duty extruded aluminum. Batons shall be clear acrylic.

19.14 ADVERTISING MODULES, BROCHURE RACKS, NEWSPAPER VENDING MACHINE STOWAGE, BULLETIN BOARDS

Design and provide WSF approved locations, and provide installation for WSF furnished, as Owner - Furnished Equipment (OFE), advertising modules and brochure racks generally as approved by the WSF Representative during the Phase II Design stage of the Work. Provide foundations, stainless steel mounting hardware, and power. For design and procurement of the advertising modules and brochure racks contact:

Certified Folder Display Service, Inc.

Contact Ms. Jill Andrews

Telephone (206) 870-2470

email jilla@certifiedfolder.com

Design and provide WSF approved locations, and provide installation for WSF furnished, as Owner - Furnished Equipment (OFE), newspaper vending machine stowage modules as directed by the WSF Representative. Provide foundations and stainless steel mounting hardware. For design, finish, and procurement of the stowage modules contact:

Seattle Times Inc.

Contact Mr. Doug Musselman-Brown

Telephone (206) 464-2720 or (206) 423-4384

e-mail dmbrown@seattletimes.com

The Contractor shall communicate and coordinate with the abovementioned contacts for construction and installation of the advertising modules and brochure racks, and stowage modules onboard each Vessel.

Provide display bulletin boards. Coordinate the finish of the frames, cabinets and holders with the interior design. See Section 25 of the Technical Specification for poster art requirements in the Dayrooms. The bulletin boards (one (1) each) shall be provided as follows:

A. Sun Deck Dayroom - approximately 36 inches high \times 48 inches wide, and framed.

B. Navigation Bridge Deck Ship's Office - approximately 20 inches high \times 30 inches wide, and framed.

C. Sun Deck Spare Office - approximately 20 inches high \times 30 inches wide, and framed.

D. Sun Deck Crew Passage - approximately 36 inches high \times 48 inches wide, and framed.

E. Passenger Deck Dayroom - approximately 30 inches high \times 50 inches wide, and framed.

F. Purser's Office - approximately 20 inches high \times 30 inches wide, and framed.

G. EOS – approximately 36 inches high \times 48 inches wide, and framed.

H. Engineer's Dayroom - approximately 36 inches high \times 48 inches wide, and framed.

19.15 CLOCKS

Eleven (11) 6 inch diameter CHELSEA, Newport Nautical Brass, or equal, 12-hour face, quartz, sweep second hand, clocks, bulkhead mounted, shall be provided: One (1) clock shall be secured to the bulkhead in each Pilothouse, one (1) in the Ship's Office, one (1) in the Sun Deck Dayroom, one (1) in the Master's Stateroom, one (1) in the Staff Chief Engineer's Stateroom, one (1) in the Purser's Office, one (1) in the Passenger Deck Crew Dayroom, one (1) in the Engineer's Dayroom, one (1) in the Chief Engineer's Office, and one (1) on the control console in the Engineer's Operating Space (EOS).

Final location of all clocks shall be in consultation with the WSF Representative.

19.16 BAROMETERS

Two (2) 6 inch diameter CHELSEA Newport Nautical Brass, or equal, barometers, mounted on Teak pads finished the same as the Pilothouse Control Console Teak trim, shall be provided. One (1) barometer shall be mounted in each Pilothouse.

Final location of the barometers shall be determined in consultation with the WSF Representative.

19.17 SPARE PARTS AND INSTRUCTION MANUALS

Provide a list of recommended spare parts and special tools for those items that are Contractor furnished, together with any instruction manuals which may be required, to maintain and service provided equipment and accessories as required by Sections 86 and 100 of the Technical Specification.

19.18 TESTS, TRIALS AND INSPECTIONS

Inspections shall be performed as defined in this Section and in Sections 1 and 2 of the Technical Specification.

Tests and/or Trials shall be in accordance with this Section and Section 101 of the Technical Specification.

19.19 PHASE II TECHNICAL PROPOSAL REQUIREMENTS

Considering the importance of the aesthetic appeal of the surroundings in public spaces and the subjectivity of determining the aesthetic appeal of furniture, furnishings, and Artwork which otherwise meet all requirements addressed herein, WSF reserves the right to approve the selection of all furniture, furnishings, and Artwork prior to its acquisition and installation. The Contractor shall routinely consult with the WSF Representative regarding the selection of furniture, furnishings, and artwork meeting these Requirements throughout the design process to ensure that the final selection of items will subsequently meet with WSF approval.

The following deliverables, in addition to other deliverables required by Section 100 of the Technical Specification and the Authoritative Agencies, shall be provided during the Phase II Technical Proposal stage of Work in accordance with the requirements of Section 100 of the Technical Specification:

A. Furniture Schedule

B. Furniture Catalog Details Booklet

C. Cabinetry Arrangement and Details Booklet

The ***Furniture Schedule*** shall be provided in booklet form. It shall list the manufacturer, model number, color and material of each item of furniture and furnishing and include manufacturer's cut-sheets of each item.

1 The *Furniture Catalog Details Booklet* shall present and define all furniture and furnishings
2 required by the Technical Specification. This booklet shall both verbally and pictorially
3 illuminate the salient physical characteristics of all items.

4 The *Cabinetry Arrangement and Details Booklet* shall present and define all cabinetry required
5 by the Technical Specification. This booklet shall both verbally and graphically illuminate the
6 salient physical characteristics of all items.

7 For the provisions for Art Work, see Section 25 of the Technical Specification.

8 See Section 25 of the Technical Specification for requirements regarding preparation and
9 submission of the Contractor's Color Boards for WSF approval.

10 **19.20 PHASE III DETAIL DESIGN AND CONSTRUCTION REQUIREMENTS**

11 The deliverables required by this Section and Section 100 of the Technical Specification and the
12 Authoritative Agencies, shall be provided during the Phase III Detail Design stage of Work in
13 accordance with the requirements of Section 100 of the Technical Specification.

(END OF SECTION)